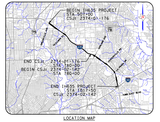
TEXAS DEPARTMENT OF TRANSPORTATION

DALLAS DISTRICT
WILLIAM L. HALE, P.E., DISTRICT ENGINEER

DESIGN SCHEMATIC
IH-635 LBJ EAST PROJECT
EXPRESS LANE DESIGN
FROM EAST OF US 75 TO NORTH OF IH-30
DALLAS COUNTY, TEXAS
CSJs: 2374-01-176, 2374-02-142

SEPTEMBER 09, 2014
ROLL 5 OF 6

LIMITS:	IH-635: E. OF US-75 TO IH-30
LENGTH:	5.7 MILES
FUNCTIONAL CLASS:	URBAN INTERSTATE
DAILY TRAFFIC:	175,000 (2036)
DESIGN HOURLY VOLS:	15,000 (2036)
SCHEMATIC REALM:	DESIGN-BUILD
	30 MILES
MAIN LANES:	55 MPH
EXPRESS LANES:	60 MPH
RAMPS:	45 MPH



LOCATION MAP

TEXAS COUNTY MAP

PRELIMINARY
FOR INTERIM REVIEW ONLY
THIS DOCUMENT IS PRELIMINARY IN NATURE AND IS INTENDED FOR INTERIM REVIEW ONLY. IT MAY NOT BE SUITABLE FOR CONSTRUCTION PURPOSES.
DATE OF PLANE SHEET: 09-09-2014

JACOBS
1999 BRYAN STREET, SUITE 1200
DALLAS, TEXAS 75201
PHONE: 214.638.0145
Firm Registration #1094

0 100 200 300 400
HORIZONTAL SCALE

0 10 20 30 40
VERTICAL SCALE

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LEGEND:

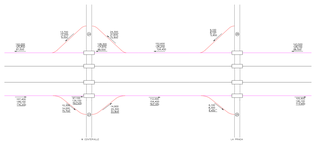
- EXISTING RW
- EXISTING TRAFFIC BARRIER
- EXISTING CURB OR SUBURBAN LIMITS
- PROPOSED EDGE OF PAVEMENT
- PROPOSED CONCRETE TRAFFIC BARRIER
- PROPOSED METAL RAILS
- DIRECTION OF FLOW
- DIRECTION OF FLOW
- PROPERTY ID NUMBER

GENERAL NOTES:

1. EXISTING FEATURES WERE PLOTTED FROM DESIGN SCHEMATIC RW MAPS DATED 2/2/2011 AND 2/2/2012 AND ARE SUBJECT TO CHANGE.
2. TRAFFIC VOLUMES APPEARED ON FRONT RW DESIGNED ON 2011.
3. SUPERELEVATION RATES OF REVISION TO DRAFT PLAN.
4. ROUTE SHOWN ON THIS PLAN IS THE ROUTE OF CENTERLINE PAVEMENT, TYPE OF CURB, CURB OFFSET, AND PAVEMENT WIDTH VARIES.
5. PROPOSED CONCRETE TRAFFIC BARRIER SHOULD BE USED WHENever POSSIBLE. USE OF METAL RAILS SHOULD BE LIMITED TO SHORT RUNS.
6. DRAINAGE ASSUMPTIONS WERE MADE BY PROJECT LEVEL ENGINEERS BASED ON PRELIMINARY DRAINAGE STUDIES. THESE ASSUMPTIONS MAY NOT BE ACCURATE AND MUST BE VERIFIED BY THE DESIGN-BUILD ENGINEER.
7. ALL DESIGN ELEMENTS AS SHOWN ON THIS PLAN ARE ON-GOING FOR THE FOLLOWING:
   1. DRAINAGE
   2. SUPERELEVATION
   3. SIGNING AND PAVEMENT MARKS
   4. ROADWAY LIGHTING
   5. ITS (INTELLIGENT TRANSPORTATION SYSTEMS) LOCATIONS
   6. MAINTENANCE ACCESS
   7. UTILITY LOCATIONS

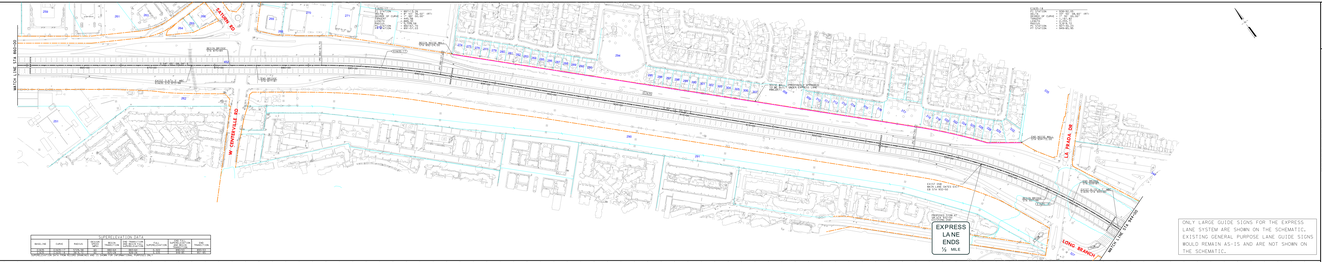
US 635 EXISTING TYPICAL SECTION
(IH 30 TO US 75 EXIT RAMP)

US 635 EXISTING TYPICAL SECTION
(US 75 EXIT RAMP TO IH 30)

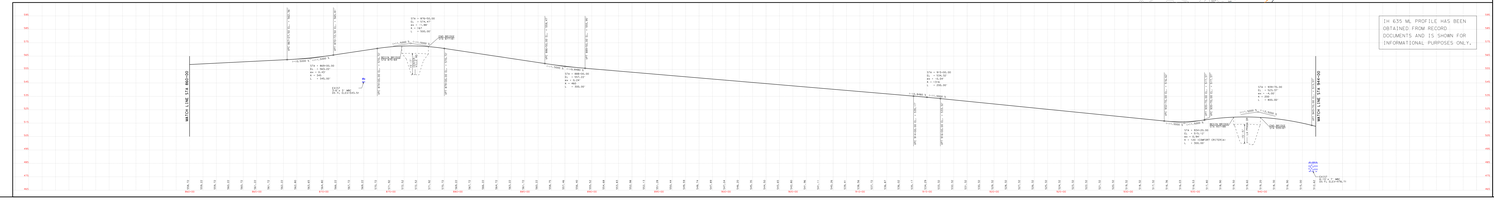


TRAFFIC LINE DIAGRAM

TRAFFIC NUMBERS CHANGED PER RWP MEMORANDUM DATED 12-12-2014



ONLY LARGE GUIDE SIGNS FOR THE EXPRESS LANE SYSTEM ARE SHOWN ON THE SCHEMATIC. EXISTING GENERAL PURPOSE LANE GUIDE SIGNS WOULD REMAIN AS-IS AND ARE NOT SHOWN ON THE SCHEMATIC.



IH 635 NB PROFILE HAS BEEN OBTAINED FROM RECORD DOCUMENTS AND IS SHOWN FOR INFORMATIONAL PURPOSES ONLY.

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